

OIEP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/638,695

DATE: 08/24/2000
TIME: 16:19:14

Input Set : A:\624291.app
Output Set: N:\CRF3\08232000\I638695.raw

ENTERED

3 <110> APPLICANT: Stern, David M.
4 Yan, Shi Du
6 <120> TITLE OF INVENTION: TRANSGENIC MICE OVER-EXPRESSING AMYLOID-BETA ALCOHOL
7 DEHYDROGENASE (ABAD) IN BRAIN AS MODEL OF ALZHEIMER'S
8 DISEASE AND USES THEREOF
10 <130> FILE REFERENCE: 0575/62429
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/638,695
13 <141> CURRENT FILING DATE: 2000-08-14
15 <160> NUMBER OF SEQ ID NOS: 7
17 <170> SOFTWARE: PatentIn Ver. 2.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 21
21 <212> TYPE: PRT
22 <213> ORGANISM: Rat
24 <400> SEQUENCE: 1
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26 1 5 10 15
28 Ile Arg Met Gln Pro
29 20
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 261
34 <212> TYPE: PRT
35 <213> ORGANISM: Human
37 <400> SEQUENCE: 2
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39 1 5 10 15
41 Gly Gly Ala Ser Gly Leu Gly Leu Ala Thr Ala Glu Arg Leu Val Gly
42 20 25 30
44 Gln Gly Ala Ser Ala Val Leu Leu Asp Leu Pro Asn Ser Gly Gly Glu
45 35 40 45
47 Ala Gln Ala Lys Lys Leu Gly Asn Asn Cys Val Phe Ala Pro Ala Asp
48 50 55 60
50 Val Thr Ser Glu Lys Asp Val Gln Thr Ala Leu Ala Leu Ala Lys Gly
51 65 70 75 80
53 Lys Phe Gly Arg Val Asp Val Ala Val Asn Cys Ala Gly Ile Ala Val
54 85 90 95
56 Ala Ser Lys Thr Tyr Asn Leu Lys Lys Gly Gln Thr His Thr Leu Glu
57 100 105 110
59 Asp Phe Gln Arg Val Leu Asp Val Asn Leu Met Gly Thr Phe Asn Val
60 115 120 125
62 Ile Arg Leu Val Ala Gly Glu Met Gly Gln Asn Glu Pro Asp Gln Gly
63 130 135 140
65 Gly Gln Arg Gly Val Ile Ile Asn Thr Ala Ser Val Ala Ala Phe Glu
66 145 150 155 160
68 Gly Gln Val Gly Gln Ala Ala Tyr Ser Ala Ser Lys Gly Gly Ile Val
69 165 170 175
71 Gly Met Thr Leu Pro Ile Ala Arg Asp Leu Ala Pro Ile Gly Ile Arg

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72          180          185          190
74 Val Met Thr Ile Ala Pro Gly Leu Phe Gly Thr Pro Leu Leu Thr Ser
75          195          200          205
77 Leu Pro Glu Lys Val Cys Asn Phe Leu Ala Ser Gln Val Pro Phe Pro
78          210          215          220
80 Ser Arg Leu Gly Asp Pro Ala Glu Tyr Ala His Leu Val Gln Ala Ile
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83 Ile Glu Asn Pro Phe Leu Asn Gly Glu Val Ile Arg Leu Asp Gly Ala
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98 cagggagcct ctgctgtgct tctggacctg cccaactcgg gtggggaggc ccaagccaag 180
99 aagttaggaa acaactgcgt ttccgccca gccgacgtga cctctgagaa ggatgtgcaa 240
100 acagctctgg ctctagcaaa aggaaagttt ggcctgttgg atgtagtgt caactgtgca 300
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102 gacttccagc gagttcttga tgtgaatctc atgggcacct tcaatgtgat ccgcctggtg 420
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108 tatgtcacc tcgtacagc catcatcgag aaccattcc tcaatggaga ggtcatcccg 780
109 ctggatgggg ccattcgtat gcagccttga agggagaagg cagagaaaac acacgtcct 840
110 ctgcccttcc ttccctggg gtactactct ccagtcttgg gaggaagccc agtagccatt 900
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112 aaaaaaaaaa aaa 973
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120 <220> FEATURE:
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133 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR Primers
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156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR Primers
159 <400> SEQUENCE: 7
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VERIFICATION SUMMARY

DATE: 08/24/2000

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number